

Appl. No. 10/615,180
Amendment dated: April 6, 2005
Reply to OA of: January 11, 2005

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-12(canceled).

13(original). A method for manufacturing a reflecting device for flat panel displays, in cooperation with at least a light source, comprising the following steps:

forming fold lines for bending on the surface of a nonconductive substrate;
adhering a reflector to said nonconductive substrate to form a composite reflector; and

bending said composite reflector to form a nonconductive base having at least a groove;

wherein said groove is used for locating said light source.

14(original). The method as claimed in claim 13, wherein said reflector is adhered to said nonconductive substrate by adhesion or hot-pressing.

15(original). The method as claimed in claim 13, wherein said composite reflector is bent to form a nonconductive base having at least a groove by hot-pressing, punching, and shearing.

16(original). The method as claimed in claim 13, wherein said reflector is nonconductive.

17(original). The method as claimed in claim 13, wherein said light source is a cold cathode fluorescent lamp (CCFL) or a light emitting diode.

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18(original). The method as claimed in claim 13, wherein said nonconductive base is made of plastics, polyester or a non-metal material.

19(original). The method as claimed in claim 13, wherein said flat panel display is a liquid crystal display.

20(new). A method for manufacturing a reflecting device for flat panel displays, in cooperation with at least a light source, comprising the following steps:

providing a nonconductive base having at least a groove for locating said light source;

securely inserting a reflector into said groove of said nonconductive base in a bent manner; and

securely positioning said light source in said groove of said nonconductive base wherein said reflector is located between said nonconductive base and said light source.

21(new). The method as claimed in claim 20, wherein said reflector is placed and fixed in said groove of said nonconductive base by utilizing adhesive or hot-pressing.

22 (new). The method as claimed in claim 20, wherein said light source is a cold cathode fluorescent lamp (CCFL) or a light emitting diode.

23(new). The method as claimed in claim 20, wherein said reflector is nonconductive.

24(new). The method as claimed in claim 20, wherein said nonconductive base is made of plastics, polyester or a non-metal material.

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25(new). The method as claimed in claim 20, wherein said nonconductive base is produced by injection molding or extrusion.

26(new). A method for manufacturing a reflecting device for flat panel displays, in cooperation with at least a light source, comprising the following steps:

providing a nonconductive base having at least a groove for locating said light source;

securely positioning a nonconductive reflector in said groove of said nonconductive base; and

securely positioning said light source in said groove of said nonconductive base wherein said nonconductive reflector is located between said nonconductive base and said light source.

27(new). The method as claimed in claim 26, wherein said nonconductive reflector is placed and fixed in said groove of said nonconductive base by utilizing adhesive or hot-pressing.

28(new). The method as claimed in claim 26, wherein said light source is a cold cathode fluorescent lamp (CCFL) or a light emitting diode.

29(new). The method as claimed in claim 26, wherein said nonconductive base is made of plastics, polyester or a non-metal material.

30(new). The method as claimed in claim 26, wherein said nonconductive base is produced by injection molding or extrusion.